Amendments to the Claims

Please amend the claims by replacing all prior listings of claims with the listing of claims below pursuant to 37 C.F.R. §1.121:

Listing of claims:

1. (Original) Grain obtained from a rice plant, comprising starch, wherein the proportion of amylose in the starch of the grain is at least 40%.

2. (Original) The grain of claim 1, comprising two or more genetic variations, wherein one genetic variation is selected from the group consisting of
   a) a mutation of an *SBEIIa* gene which inhibits SBEIIa expression and/or activity, and
   b) an introduced nucleic acid which inhibits SBEIIa expression and/or activity, and

   and wherein a second genetic variation is selected from the group consisting of
   c) a mutation of an *SBEIIb* gene which inhibits SBEIIb expression and/or activity, and
   d) an introduced nucleic acid which inhibits SBEIIb expression and/or activity.

3. (Previously Presented) The grain of claim 1, comprising reduced levels of SBEIIa and SBEIIb proteins and/or activities.

4. (Previously Presented) The grain of claim 1, wherein the proportion of amylose in the starch of the grain is at least 50%.

5. (Previously Presented) The grain of claim 1 which comprises a transgene.

6. (Original) The grain of claim 5, wherein the transgene encodes an antisense, co-suppression, ribozyme or duplex RNA molecule.

7. (Previously Presented) The grain of claim 1 which is non-transgenic.

8. (Previously Presented) The grain of claim 2, further comprising a reduced level of SBEI protein and/or activity.

9. (Previously Presented) The grain of claim 1, comprising an altered level of a protein and/or enzyme activity selected from the group consisting of ADP glucose pyrophosphorylase, GBSS, SSI, SSII, SSIII, a debranching enzyme of an isoamylase type and a debranching enzyme of a pullulanase type.

10. (Original) The grain of claim 9, comprising an altered level of GBSS protein and/or enzyme activity.

11. (Previously Presented) The grain of claim 1 which is non-shrunken.

12. (Previously Presented) The grain of claim 1 which is brown rice having an average weight of at least about 25 mg.

13. (Previously Presented) The grain of claim 1 wherein at

least 50% of starch granules within the grain appear non-birefringent when observed under polarized light.

14. (Previously Presented) The grain of claim 1 which has a starch content that is at least 90% of the starch content of equivalent, but unaltered, grain.

15. (Currently Amended) The grain of claim 2, further comprising a null mutation of the *SBEIIa* or *SBEIIb* gene.

16. (Previously Presented) The grain of claim 1 which is of an Indica variety or which comprises a Wx^a allele.

17. (Previously Presented) A rice plant capable of producing the grain according to claim 1.

18. (Currently Amended) Rice starch ~~Starch~~ granules, comprising starch, wherein the proportion of amylose in the starch of ~~extracted from~~ the grain is at least 40% ~~according to claim 1~~.

19. (Canceled)

20. (Currently Amended) A product comprising rice starch granules, comprising starch, wherein the proportion of amylose in the starch of the grain is at least 40% ~~flour or starch produced from the grain according to claim 1~~.

21-23. (Canceled)

24. (Original) A method of producing a rice plant capable of producing grain, the grain having starch comprising at

least 40% amylose, comprising the steps of

a) introducing a genetic variation into a parent rice plant or seed; and

b) identifying a progeny plant of the parent rice plant or seed, wherein the starch of grain of the progeny plant comprises at least 40% amylose.

25-36. (Canceled)

37. (Original) A method of producing a rice plant having a reduced level of both SBEIIa and SBEIIb proteins and/or enzyme activities in the endosperm which comprises:

a) mutagenising seed having a reduced level of SBEIIa protein and/or enzyme activity; or

b) mutagenising seed having a reduced level of SBEIIb protein and/or enzyme activity; or

c) crossing a plant having a reduced level of SBEIIa protein and/or enzyme activity with a plant having a reduced level of SBEIIb protein and/or enzyme activity; and

d) identifying a rice plant having reduced activity of both SBEIIa and SBEIIb proteins and/or enzyme activities in the endosperm.

38-42. (Canceled)

43. (Original) An isolated nucleic acid molecule which encodes an inhibitor of rice SBEIIa and an inhibitor of rice SBEIIb, which may be the same or different.

44-47. (Canceled)